



03/07/02 1c860 U.S. PTO

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PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket		PTZ17C1	
(Only for new nonprovisional applications under 37 CFR 1.53(b))		First Inventor		Rosen et al.	
		Title		Nucleic Acids, Proteins, and Antibodies	
		Express Mail Label			
APPLICATION ELEMENTS				Box Patent Application	
See MPEP chapter 600 concerning utility patent application contents.				ADDRESS TO: Commissioner for Patents Washington, DC 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)			
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)			
3. <input checked="" type="checkbox"/> Specification [Total Pages 521] (preferred arrangement set forth below) <ul style="list-style-type: none">- Descriptive title of the invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure		a. <input checked="" type="checkbox"/> Computer Readable Form (CRF)			
4. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets]		b. Specification Sequence Listing on: <ul style="list-style-type: none">i. <input checked="" type="checkbox"/> CD-ROM or CD-R (2 copies); orii. <input type="checkbox"/> paper			
5. Oath or Declaration [Total Pages 5] <ul style="list-style-type: none">a. <input type="checkbox"/> Newly executed (original or copy)b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)		c. <input checked="" type="checkbox"/> Statements verifying identity of above copies			
6. <input checked="" type="checkbox"/> Application Data Sheet See 37 CFR 1.76 (7 pages)		ACCOMPANYING APPLICATIONS PARTS			
		9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))			
		10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input checked="" type="checkbox"/> Associate Power of Attorney			
		11. <input type="checkbox"/> English Translation Document (if applicable)			
		12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations			
		13. <input type="checkbox"/> Preliminary Amendment			
		14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)			
		15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)			
		16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent			
		17. <input checked="" type="checkbox"/> Other <div>1. Statement Under 37 C.F.R. § 1.821 2. Transmittal and Submission Under 37 C.F.R. §§ 1.824 and 1.52(e)</div>			
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76					
<input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No. 09/764,879					
Prior application information: Examiner Clow, L. Group / Art Unit: 1631					
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.					
19. CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		22195		or <input type="checkbox"/> Correspondence address below	
Name					
Address					
City		State		Zip Code	
Country		Telephone		Fax	
Name (Print/Type)		Mark J. Hyman		Registration No (Attorney/Agent)	
Signature				46,789	
		Date		March 7, 2002	

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10/091438
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<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2002</h2> <p style="margin: 0; font-size: small;">Patent fees are subject to annual revision.</p>		Complete if Known																																																																																																																																																																																																																																													
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104	280	204	140	Multiple dependent claim, if not paid																																																																																																																																																																																																																																											
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Name (Print/Type) Mark J. Hyman		Date March 7, 2002																																																																																																																																																																																																																																													
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SCANNED # 12

VIA HAND DELIVERY MARCH 7, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Rosen et al.

Attorney Docket No.: PTZ17C1

Application Serial No.: Not Yet Assigned

Art Unit: Not Yet Assigned

Filed: Herewith

Examiner: Not Yet Assigned

Title: Nucleic Acids, Proteins, and Antibodies

STATEMENT UNDER 37 C.F.R. § 1.821

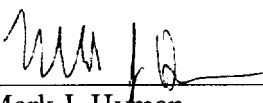
Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. § 1.821(f), Applicants hereby certify that the sequence listing information recorded in computer readable form and submitted herewith is identical to the written (on compact disc) Sequence Listing submitted herewith.

Respectfully submitted,

Dated: March 7, 2002



Mark J. Hyman
Attorney for Applicants

Reg. No. 46,789

Human Genome Sciences, Inc.
9410 Key West Avenue
Rockville, MD 20850
Telephone: (240) 314-1224

Enclosures

VIA HAND DELIVERY MARCH 7, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Title: Nucleic Acids, Proteins, and Antibodies

**TRANSMITTAL AND SUBMISSION UNDER
37 C.F.R. §§ 1.824 AND 1.52(e)**

Commissioner for Patents
Washington, D.C. 20231

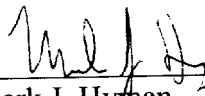
Sir:

In accordance with 37 C.F.R. §§ 1.821(e) and 1.824, Applicants submit herewith a Sequence Listing satisfying the computer readable format requirements on a compact disc (CD-R) labeled "CRF." Applicants submit concurrently herewith a Statement Under 37 C.F.R. § 1.821.

Additionally, in accordance with 37 C.F.R. §§ 1.52(e), 1.821, and 1.823, Applicants submit herewith a Sequence Listing as an electronic document on two identical compact discs (CD-R). Applicants certify under 37 C.F.R. § 1.52(e)(4) that these two compact discs, labeled "Copy 1" and "Copy 2," are identical. These compact discs, formatted for an IBM-PC machine and compatible with the MS-Windows operating system, each contain the file "PTZ17C1_seqList.txt" (788,255 bytes in size, created March 6, 2002).

Respectfully submitted,

Dated: March 7, 2002


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SCANNED, # 12